

产品名称: RPS6KB1 Mouse Monoclonal Antibody
产品货号: AMM81087



产品概述 (Summary)

产品名称 (Production Name)	RPS6KB1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RPS6KB1
别名 (Alternative Names)	S6K; PS6K; S6K1; STK14A; p70-S6K; p70-alpha; p70(S6K)-alpha
基因 ID (Gene ID)	6198.0
蛋白 ID (SwissProt ID)	P23443.Purified recombinant fragment of human RPS6KB1 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	59kDa

研究背景 (Background)

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2

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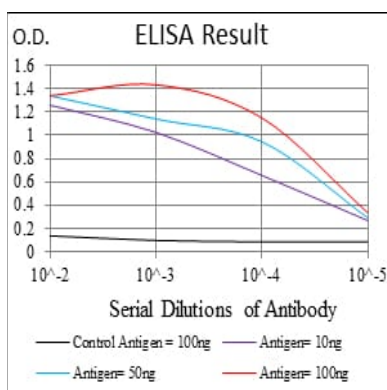


non-identical kinase catalytic domains and phosphorylates several residues of the S6 ribosomal protein. The kinase activity of this protein leads to an increase in protein synthesis and cell proliferation. Amplification of the region of DNA encoding this gene and overexpression of this kinase are seen in some breast cancer cell lines. Alternate translational start sites have been described and alternate transcriptional splice variants have been observed but have not been thoroughly characterized.

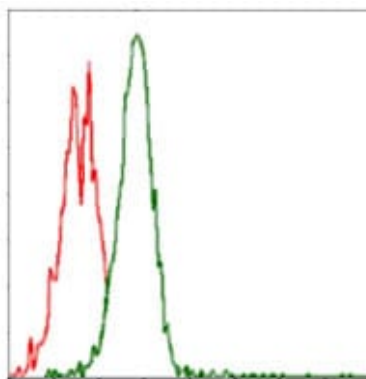
研究领域 (Research Area)

Apoptosis, PI3K-Akt signaling pathway, mTOR signaling pathway

图片 (Image Data)

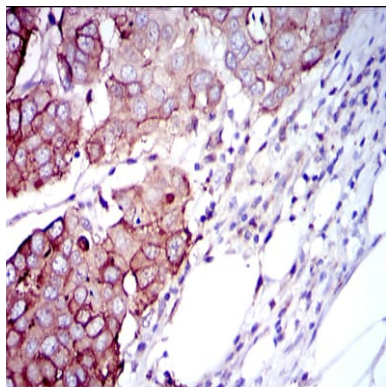


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

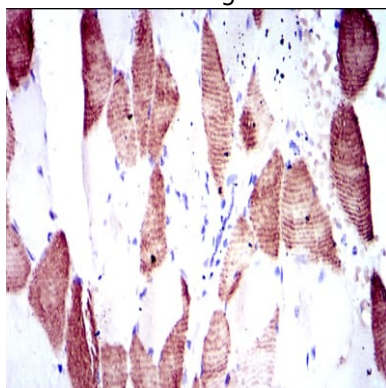


Flow cytometric analysis of Jurkat cells using RPS6KB1 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using RPS6KB1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human muscle tissues using RPS6KB1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .